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JUN 11 2003
PATENT & TRADEMARK OFFICE

REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL

Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000,
provides for continued examination of an utility or plant
application filed on or after June 8, 1995.
See The American Inventors Protection Act of 1999 (AIPA).

| | |
|------------------------|-------------------|
| Application Number | 09/767,154 |
| Filing Date | January 23, 2001 |
| Examiner Name | Matthew J. Song |
| First Named Inventor | Naoyuki Takahashi |
| Group Art Unit | 1765 |
| Attorney Docket Number | 31721-169084 |

RCE/1765
#13
6/13/03
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TC 1700

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.
NOTE: 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53 (d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisional Application Practice, Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established RCE practice.

1. Submission required under 37 C.F.R. § 1.114

- a. ☐ Previously submitted
- i. ☐ Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on
(Any unentered amendment(s) referred to above will be entered).
- ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on
- iii. ☐ Other
- b. Enclosed
- i. ☒ Amendment/Reply
- ii. ☐ Affidavit(s)/Declaration(s)
- iii. ☐ Information Disclosure Statement (IDS)
- iv. ☐ Other

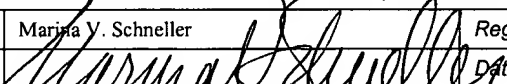
2. Miscellaneous

- a. ☐ Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(i) required)
- b. ☐ Other

3. Fees

- The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed.
- a. ☒ The Director is hereby authorized to charge deficiencies in the following fees, or credit any overpayments, to Deposit Account No. 22-0261
- i. ☐ RCE fee required under 37 C.F.R. § 1.17(e)
- ii. ☐ Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)
- iii. ☐ Other
- b. ☒ Check in the amount of \$ 750.00 enclosed
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

| | | | |
|--------------------|---|-----------------------------------|---------------|
| Name (Print /Type) | Marina Y. Schneller | Registration No. (Attorney/Agent) | 26,032 |
| Signature |  | Date | June 11, 2003 |

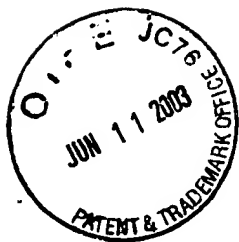
VENABLE
P.O. Box 34385
Washington, DC 20043-9998

SEND Fees and Completed Forms to the following address: Commissioner for Patents, Box RCE, Washington, DC 20231.
PC Docs No.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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JUN 13 2003
TC 1700

In re application of:

Naoyuki TAKAHASHI et al.

Serial No. 09/767,154

Filed: January 23, 2001

For: QUARTZ THIN FILM

Art Unit: 1765

Examiner: Matthew J. Song

Atty. Docket No. 31721-169084

Customer No.



26694

PATENT TRADEMARK OFFICE

AMENDMENT

Commissioner for Patents
P.O. Box 14350
Alexandria, VA 22313-1450

Mail Stop - AF

Sir:

This paper is filed in reply to Paper No. 12 of March 12, 2003. It is a "submission" within the meaning of Rule 114. This paper is filed concurrently with an RCE.

Please amend the application as follows:

IN THE CLAIMS

Please ~~cancel~~ Claims 2, 9, 11-12, 15 and 17.

Please ~~add~~ claims 21 - 28:

--21. A quartz thin film made by contacting a composite under atmospheric pressure with at least one silicon alkoxide selected from the group consisting of tetramethoxysilane, tetraethoxysilane, tetrapropoxysilane and tetrabutoxysilane, wherein the composite comprises a substrate and a buffer layer,